

Program SKA White Paper on EoR science

The goal of the meeting is to come up with a draft white paper by the end of the meeting that outlines the science drivers and summarizes our current knowledge of the process of reionization. The aim is to derive technical specification for the SKA from this, optimized for EoR-related science.

During the meeting we intend to:

- 1) Discuss the content of the white paper; science drivers, observational issues, SKA design (DRM), etc.
- 2) For each of the topics discuss the detailed points that need to be addressed in the white paper (e.g. science questions, field specs, array layout, etc).
- 3) Write on the text during the afternoons with breaks to discuss/coordinate progress.
- 4) Collect all material on Friday into a complete draft document.

Note that the white paper is planned to be distributed among a wider support group in Europe and possibly outside (US, SA, AU, etc.).

Wednesday January 18, 2012

09.00-9.15 (FA32) Welcome, Rationale of the meeting – Leon & Garrelt

9.15-10.30 (FA32) Four short (10+5m) presentations on:

- (i) EoR Science drivers/questions – (Garrelt)
- (ii) Observational/Theoretical Constraints on the EoR – (Jonathan)
- (iii) Path to SKA – (Leon)
- (iv) SKA design implications from EoR Science – (Leon)

10.30-11.00 (FA32) Discussion of rational & missing points in the White Paper
(please prepare before the meeting)

Coffee 10.30-11.00

11.00-12.30 (FA32) Define a list of day-1 actions and tasks on the white board: Who writes on which sections/collecting references/collecting relevant figures/...

Lunch 12.30-13.30

13.30-15.00 (FA31, FA32, ..) Write text for the white paper in small groups or individually

15.00-15.30 (FA32) Present progress per group/individual (each few min).

Coffee 15.30-16.00

16.00-17.30 (FA31, FA32, ..) Write text for the white paper in small groups or individually

17.30-18.00 (FA32) Present progress per group/individual (each few min).

Dinner 19.00-late

Thursday January 19, 2012

09.30-10.30 (FA32) Discussion and collection of previous day's progress in to a **v0.0 draft**.

Coffee 10.30-11.00

11.00-12.30 (FA32) Define a list of day-2 actions and tasks on the white board: Who writes on which sections/collecting references/collecting relevant figures/...

Lunch 12.30-13.30

13.30-15.00 (FA31, FA32, ..) Write text for the white paper in small groups or individually

15.00-15.30 (FA32) Present progress per group/individual (each few min).

Coffee 15.30-16.00

16.00-17.30 (FA31, FA32, ..) Write text for the white paper in small groups or individually

17.30-18.00 (FA32) Present progress per group/individual (each few min).

Dinner 19.30-late at Fem Små Hus (Ny Gränd 10, Gamla Stan)

Friday January 20, 2012

10.00-11.00 (FA31) Discussion and collection of previous day's progress in to a **v0.5 draft**.

Coffee 11.00-11.30

11.30-12.30 Read v0.5 draft by all

Lunch 12.30-13.30

13.30-15.00 (FA32) Discus draft and collect comments from all (make list)

15.00-16.00 (FA32) Define a final list of actions and tasks to prepare the **White Paper v1.0** for distribution to a wider audience/astro-ph; Discussion on activities & meetings beyond the White Paper.

End